

## CLAIMS

1/ A fixing member (100; 200; 300; 400; 500) for fixing a dispensing member (3) to an opening (20) of a reservoir (2), said fixing member having means (132; 232; 332; 432; 532) designed to receive the dispensing member, and a substantially cylindrical skirt (110; 210; 310; 410; 510) designed to be engaged in the opening of the reservoir to establish leaktight contact therein, said fixing member being characterized in that the skirt is provided with at least one vent (115; 215; 315; 415; 515) passing through the thickness of the skirt.

2/ A fixing member according to claim 1, in which the vent is formed below a larger-diameter top segment (116; 216; 316; 416; 516) designed to come into leaktight tight-fitting contact in the opening.

3/ A fixing member according to claim 1, in which the vent is formed at a larger-diameter middle segment (114; 214; 314; 414; 514) designed to come into leaktight tight-fitting contact in the opening.

4/ A fixing member according to claim 1, in which the vent is formed above a bottom segment (113; 213; 313; 413; 513) including a larger-diameter portion designed to come into leaktight tight-fitting contact in the opening.

5/ A fixing member according to claim 2, in which the top segment (116; 416) forms an outwardly-projecting bead (1161; 4161) designed to flatten in the opening.

6/ A fixing member according to claim 4, in which the bottom segment (313; 413) forms an outwardly-projecting bead (3131; 4131) designed to flatten in the opening.

7/ A fixing member according to claim 1, in which the skirt forms an abutment flange (117; 217; 317; 417; 517) designed to come into abutting contact with the opening.

5       8/ A fixing member according to claim 2, in which the top segment (416; 516) is provided with at least one vertical groove (4162; 5162) having one end that is designed to communicate with the vent (415; 516) when the top segment is in tight-fitting contact in the opening of the  
10 reservoir.

15       9/ A fixing member according to claim 1, in which the vent (315; 515) is formed at a smaller-diameter middle segment (314; 514) designed to remain out of contact with the opening of the reservoir.

20       10/ A fixing member according to claim 1, forming an internal ferrule (160; 260; 360; 460; 560) against which at least one component (33) of the dispensing member (3) is urged elastically in the rest position.

11/ A fluid dispenser comprising a reservoir (2), a dispensing member (3), and a fixing member (100; 200; 300; 400; 500) according to any preceding claim.

25       12/ A fluid dispenser according to claim 11, in which the skirt surrounds the dispensing member with a free annular space between them at the level of the vent.